

## Tables

(Table 7.1) Radiocarbon dates from the outer peat

Material	Lab. Ref	Result (years BP)	Height (metres OD)
wood	HAR-5642	4840 ± 70	-1.0
peat	HA-6363	5190 ± 80	—
peat	HAR-5640	5200 ± 120	-2.1
wood	HAR-5631	6100 ± 100	-2.0
wood	HAR-5630	5630 ± 80	-2.0
peat	HAR-5641	5740 ± 100	-2.2

(Table 9.1) Fossil molluscs from the Chadbrick Gravel

Species	Number	Percentage
<i>Valvata cristata</i> (Müller)	1	0.4
<i>Valvata piscinalis</i> (Müller)	88	35.5
<i>Bithynia tentaculata</i> (Linné)	24	9.6
<i>Physa fontinalis</i> (Linné)	1	0.4
<i>Lymnaea stagnalis</i> (Linné)	1	0.4
<i>Lymnaea peregra</i> (Müller)	41	16.5
<i>Planorbis</i> spp.	2	0.8
<i>Gyraulus laevis</i> (Alder)	7	2.8
<i>Ancylus fluviatilis</i> (Müller)	1	0.4
<i>Unio</i> sp.	3	1.2
<i>Corbicula fluminalis</i> (Müller)	18	7.3
? <i>Sphaerium</i> sp.	1	0.4
<i>Pisidium amnicum</i> (Müller)	9	3.6
<i>Pisidium clessini</i> Neumayr	5	2.0
<i>Pisidium henslowanum</i> (Sheppard)	5	2.0
<i>Pisidium nitidum</i> Jenyns	1	0.4
<i>Pisidium subtruncatum</i> Maim	4	1.6
<i>Pisidium</i> spp.	22	8.9
<i>Oxyloma</i> cf. <i>pfeifferi</i>	5	2.0
<i>Cochlicopa</i> cf. <i>lubrica</i>	1	0.4
<i>Vallonia</i> cf. <i>pukhella</i>	1	0.4
<i>Discus rotundatus</i> (Müller)	1	0.4
? <i>Helicella</i> sp.	1	0.4
<i>Trichia</i> cf. <i>hispida</i>	6	2.4
Total	248	

(Table 10.1) Fossil molluscs from three profiles through the interglacial channel-fill at Kennpier Footbridge (after Gilbertson and Hawkins, 1978a)

Species	KPA	Profiles KPB	KPD
<b>Marine</b>			
<i>Littorina littorea</i> (Linné)	3	—	1
<i>Littorina saxatilis</i> (Olivi)	1	—	—
<i>Littorina littoralis</i> (Linné)	5	1	■
<i>Littorina</i> spp.	13	1	2
<i>Retusa</i> sp.	—	—	1
<i>Nucella lapillus</i> (Linné)	3	—	—

<i>Ostrea</i> sp.	1	—	2
<i>Cerastoderma</i> spp.	2	—	frags
<i>Macoma balthica</i> (Linné)	36	1	16
<b>Land and freshwater</b>			
<i>Valvata piscinalis</i> (Müller)	127	72	423
<i>Belgrandia marginata</i> (Michaud)	14	—	13
<i>Bithynia tentaculata</i> (Linné) shells	3	—	4
<i>Bithynia tentaculata</i> (Linn) opercula	1092	3579	5619
<i>Lymnaea peregra</i> (Müller)	12	—	65
<i>Anisus leucostoma</i> Müller	—	—	1
<i>Gyraulus laevis</i> Alder	4	—	1
<i>Armiger crista</i> (Linné)	1	—	1
<i>Planorbis</i> spp.	—	—	1
<i>Ancylus fluviatilis</i> Müller	2	—	—
<i>Trichla htspida</i> (Linné)	—	—	15
<i>Zonitoides nitidus</i> (Müller)	—	—	1
<i>Agrolimax</i> cf. <i>agrestis</i> (Linné)	70	70	128
<i>Agrolimax</i> cf. <i>reticulatus</i> (Müller)	30	43	35
<i>Agrolimax</i> cf. <i>laevis</i> (Müller)	6	—	22
<i>Agrolimax</i> spp.	65	56	162
<i>Corbicula fluminalis</i> (Müller)	—	20	24
<i>Pisidium amnicum</i> (Müller)	4	6	7
<i>Pisidium obtusale</i> (Lamarck)	—	—	1
<i>Pisidium subtruncatum</i> Malm	5	—	1
<i>Pisidium henslowanum</i> (Sheppard)	1	—	—
<i>Pisidium nitidum</i> Jenyns	5	—	1
<i>Pisidium moitessierianum</i> Paladilhe	—	—	1
<i>Pisidium</i> spp.	13	4	13
Total	1560	3854	6564

**(Table 10.2) Fossil molluscs from the interglacial deposit at Yew Tree Farm (after Gilbertson and Hawkins, 1978a)**

<b>Species</b>	<b>Number</b>
<i>Valvata cristata</i> Müller	12
<i>Valvata piscinalis</i> (Müller)	3324
<i>Beigrandia marginata</i> (Michaud)	970
<i>Bithynia tentaculata</i> (Linné) shells	1039
<i>Bithynia tentaculata</i> (Linné) opercula	1755
<i>Carychium minimum</i> Müller	2
<i>Lymnaea truncatula</i> (Müller)	192
<i>Lymnaea palustris</i> (Müller)	1
<i>Lymnaea peregra</i> (Müller)	886
<i>Planorbis planorbis</i> (Linné)	25
<i>Anisus vorticulus</i> Troschel	147
<i>Anisus leucostoma</i> Müller	141
<i>Gyraulus laevis</i> Alder	1613

<i>Armiger crista</i> (Linné)	615
<i>Planorbis</i> spp.	3
<i>Hippentis complanata</i> (Linné)	21
<i>Acroloxus lacustris</i> (Linné)	8
<i>Oxyloma</i> cf. <i>pfeifferi</i> Rossmässler	6
<i>Cochlicopa lubrica</i> (Müller)	2
<i>Pupilla muscorum</i> (Linné)	2
<i>Vallonia costata</i> (Müller)	4
<i>Vallonia puicbella</i> (Müller)	6
<i>Vallonia</i> spp.	1
<i>Cepaea nemoralis</i> (Linné)	1
<i>Trichia bispida</i> (Linné)	3
<i>Punctum pygmaeum</i> Draparnaud	1
<i>Zonitoides nitidus</i> (Müller)	4
<i>Agrolimax</i> cf. <i>agrestis</i> (Linné)	6
<i>Agrolimax</i> spp.	42
<i>Spbaerium corneum</i> (Linné)	1
<i>Corbicula fluminalis</i> (Müller)	72
<i>Pisidium amnicum</i> (Müller)	44
<i>Pisidium casertanum</i> (Poli)	7
<i>Pisidium obtusale</i> (Lamarck)	10
<i>Pisidium milium</i> Held	56
<i>Pisidium subtruncatum</i> Malm	138
<i>Pisidium benslowanum</i> (Sheppard)	24
<i>Pisidium nitidum</i> Jenyns	270
<i>Pisidium pulchellum</i> Jenyns	2
<i>Pisidium moitessierianum</i> Paladilhe	3
<i>Pisidium</i> spp.	190
Total	11 649

**(Table 10.3) Molluscs from the interglacial deposit at Kenn Church** (after Gilbertson, 1974; Gilbertson and Hawkins, 1978a)

Sample	A	B	C	D	E	G	J	O
Sample depth (m)	2.7	2.2	1.7	1.5	1.2	0.8		unstratified
<b>Marine/estuarine taxa</b>								
<i>Patella vulgata</i> Linné						2		
<i>Gibbula</i> sp.							1	
<i>Littorina littorea</i> (Linné)	1						2	
<i>Littorina saxatilis</i> (Olivi)	2						1	
<i>Littorina littoralis</i> (Linné)	1				1	1		
<i>Littorina</i> sp.	2f	f	2f	1f		f	f	f

<i>Nucella lapillus</i> (Linné)						1	2
<i>Ocenebra erinacea</i> (Linné)					1	1	
<i>Buccinum undatum</i> (Linné)						1	3
<i>Nassarius reticulatus</i> (Linné)						1	
<i>Cerastoderma</i> spp.	3f	8f	1f	f	f	f	if
<i>Macoma balthica</i> (Linné)	7f	16f	23f	2f	6f	90f	50f
<b>Brackish-water taxa</b>							
<i>Hydrobia ventrosa</i> Montagu	163	125	16	2	1		
<i>Hydrobia ulvae</i> (Pennant)	103	75	19	4	2	1	
Freshwater taxa							
<i>Valvata piscinalis</i> (Müller)	6	2					
<i>Belgrandia marginate</i> (Michaud)	1						
<i>Bithynia tentaculata</i> (Linné)	3						
<i>Lymnaea peregra</i> (Müller)	20	14	5				
<i>Planorbis planorbis</i> (Linné)	1	2					
<i>Anisus vorticulus</i> Troschel	2						
<i>Gyraulus laevis</i> (Alder)	11	15	1				
<i>Corbicula fluminalis</i> (Müller)					2		

*Pisidium*  
*subtruncatum*1

Malm

*Pisidium*  
*nitidum* 1

Jenyns

*Pisidium*  
*moitessierianum*

Paladilhe

*Pisidium* spp.2 2

### **Terrestrial**

#### **taxa**

*Vallonia*  
*pulchella* 1

(Müller)

*Vallonia*  
*enniensis* 1

(Gredler)

*Trichia*  
*striolata* 1

Pfeiffer

*Helicella*  
*virgata* (Da 1

Costa)

*Discus*  
*rotundatus* 1

(Müller)

### **References**

Species	Profiles		
	KPA	KPB	KPD
<b>Marine</b>			
<i>Littorina littorea</i> (Linné)	3	-	1
<i>Littorina saxatilis</i> (Olivi)	1	-	-
<i>Littorina littoralis</i> (Linné)	5	1	-
<i>Littorina</i> spp.	13	1	2
<i>Retusa</i> sp.	-	-	1
<i>Nucella lapillus</i> (Linné)	3	-	-
<i>Ostrea</i> sp.	1	-	2
<i>Cerastoderma</i> spp.	2	-	frags
<i>Macoma balthica</i> (Linné)	36	1	16
<b>Land and freshwater</b>			
<i>Valvata piscinalis</i> (Müller)	127	72	423
<i>Belgrandia marginata</i> (Michaud)	14	-	13
<i>Bitbynia tentaculata</i> (Linné) shells	3	-	4
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<i>Lymnaea peregra</i> (Müller)	12	-	65
<i>Anisus leucostoma</i> Müller	-	-	1
<i>Gyraulus laevis</i> Alder	4	-	1
<i>Armiger crista</i> (Linné)	1	-	1
<i>Planorbis</i> spp.	-	-	1
<i>Ancylus fluviatilis</i> Müller	2	-	-
<i>Tricbita bispida</i> (Linné)	-	-	15
<i>Zonitoides nitidus</i> (Müller)	-	-	1
<i>Agrolimax</i> cf. <i>agrestis</i> (Linné)	70	70	128
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<i>Pisidium obtusale</i> (Lamarck)	-	-	1
<i>Pisidium subtruncatum</i> Malm	5	-	1
<i>Pisidium henslowanum</i> (Sheppard)	1	-	-
<i>Pisidium nitidum</i> Jcnyns	5	-	1
<i>Pisidium moltessierianum</i> Paladilhe	-	-	1
<i>Pisidium</i> spp.	13	4	13
<b>Total</b>	<b>1560</b>	<b>3854</b>	<b>6564</b>

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<i>Vallonia pulchella</i> (Müller)	6
<i>Vallonia</i> spp.	1
<i>Cepaea nemoralis</i> (Linné)	1
<i>Trichia bispida</i> (Linné)	3
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<i>Gibbula</i> sp.							1	
<i>Littorina littorea</i> (Linné)	1						2	
<i>Littorina saxatilis</i> (Olivi)	2						1	
<i>Littorina littoralis</i> (Linné)	1				1	1		
<i>Littorina</i> sp.	2f	f	2f	1f		f	f	f
<i>Nucella lapillus</i> (Linné)							1	2
<i>Ocenebra erinacea</i> (Linné)						1	1	
<i>Buccinum undatum</i> (Linné)							1	3
<i>Nassarius reticulatus</i> (Linné)							1	
<i>Cerastoderma</i> spp.	3f	8f	1f	f		f	f	1f
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<i>Hydrobia ulvae</i> (Pennant)	103	75	19	4		2	1	
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<i>Valvata piscinalis</i> (Müller)	6	2						
<i>Belgrandia marginata</i> (Michaud)	1							
<i>Bitbyntia tentaculata</i> (Linné)	3							
<i>Lymnaea peregra</i> (Müller)	20	14	5					
<i>Planorbis planorbis</i> (Linné)	1	2						
<i>Anisus vorticulus</i> Troschel	2							
<i>Gyraulus laevis</i> (Alder)	11	15	1					
<i>Corbicula fluminalis</i> (Müller)						2		
<i>Pisidium subtruncatum</i> Malm	1							
<i>Pisidium nitidum</i> Jenyns	1							
<i>Pisidium moltesstertanum</i> Paladilhe	1							
<i>Pisidium</i> spp.	2	2						
<b>Terrestrial taxa</b>								
<i>Vallonia pulchella</i> (Müller)	1							
<i>Vallonia enntensis</i> (Gredler)		1						
<i>Trichia striolata</i> Pfeiffer	1							
<i>Helicella virgata</i> (Da Costa)						1		
<i>Discus rotundatus</i> (Müller)						1		

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